

ABSTRACT OF THE DISCLOSURE

On all modern tattoo machines, the tube grip is a removable part that houses the needle bar, which holds the needle groupings that move into and out of the skin in the act of tattooing. The tube grip and needle groupings must be removable to allow for cleaning and sterilization.

This invention is intended to improve the technology currently used by tattoo machines to secure the tube grip to the tattoo machine frame. Existing tube vice technology uses methods of securing the tube grip to the tattoo machine frame that tend to bend or crimp the tube grip. The Screw Tight Tube Vice Frame uses tube vice technology that secures the tube grip in place just as securely as or more securely than existing technology, but will not bend or crimp the tube grip. It includes a frame with holes drilled and tapped for attaching it to other components of a tattoo machine and a tube vice mechanism for attaching the tube grip to the frame. The tube vice mechanism allows the tube grip to be secured to the tattoo machine frame with a simple twist, and released with a counter twist.